

METHOD AND APPARATUS FOR REAL TIME  
INSERTION OF IMAGES INTO VIDEO

ABSTRACT OF THE DISCLOSURE

The present invention comprises a real time image insertion system for video utilizes a three-dimensional model of at least one target area within a site for identifying the target area within an original video image of the site, and for rendering a target image and inserting it into the target area of the video image. The target area may be a real, existing surface of the site or an imaginary surface defined only in the model. The model is rendered from the position and angle of a camera that generated the video image. By using a three dimensional model of the site to generate the target image, the resulting image with the inserted target material appears more realistic.

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